

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L14	1	"6466419".pn.	US-PGPUB; USPAT	OR	ON	2006/03/30 09:22
L15	69969	ap or antiparallel or anti adj parallel	US-PGPUB; USPAT	OR	ON	2006/03/30 09:22
L16	1	14 and L15	US-PGPUB; USPAT	OR	ON	2006/03/30 09:22
S1	38710	magnetic adj head	US-PGPUB; USPAT	OR	ON	2006/03/29 17:12
S2	4180	spin adj valve	US-PGPUB; USPAT	OR	ON	2006/03/29 17:12
S3	2439	S1 and S2	US-PGPUB; USPAT	OR	ON	2006/03/29 17:12
S4	1894	ptmn	US-PGPUB; USPAT	OR	ON	2006/03/29 17:12
S5	69808	ap or antiparallel or anti adj parallel	US-PGPUB; USPAT	OR	ON	2006/03/29 17:13
S6	710	S5 near pinned	US-PGPUB; USPAT	OR	ON	2006/03/29 17:13
S7	1621899	free	US-PGPUB; USPAT	OR	ON	2006/03/29 17:13
S8	259996	spacer	US-PGPUB; USPAT	OR	ON	2006/03/29 17:13
S9	370228	bias	US-PGPUB; USPAT	OR	ON	2006/03/29 17:13
S10	254	S3 and S4 and S6 and S7	US-PGPUB; USPAT	OR	ON	2006/03/29 17:14
S11	200	S8 and S9 and S10	US-PGPUB; USPAT	OR	ON	2006/03/29 17:14
S12	33216	ion adj beam	US-PGPUB; USPAT	OR	ON	2006/03/29 17:14
S13	43	S11 and S12	US-PGPUB; USPAT	OR	ON	2006/03/30 09:21

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5667	spin near valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/30 08:22
L2	596	spacer same bias same pinn\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/30 08:26
L3	330	1 same 2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/30 08:23
L4	329	(mr or magnetic) and 3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/30 08:23
L5	137	spacer with bias with pinn\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/30 08:26
L6	57	1 same 5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/30 08:24
L7	533	spacer same bias same pinn\$3 same free	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/30 08:26
L8	110	spacer with bias with pinn\$3 with free	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/30 08:26
L9	93	1 and 8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/30 08:26